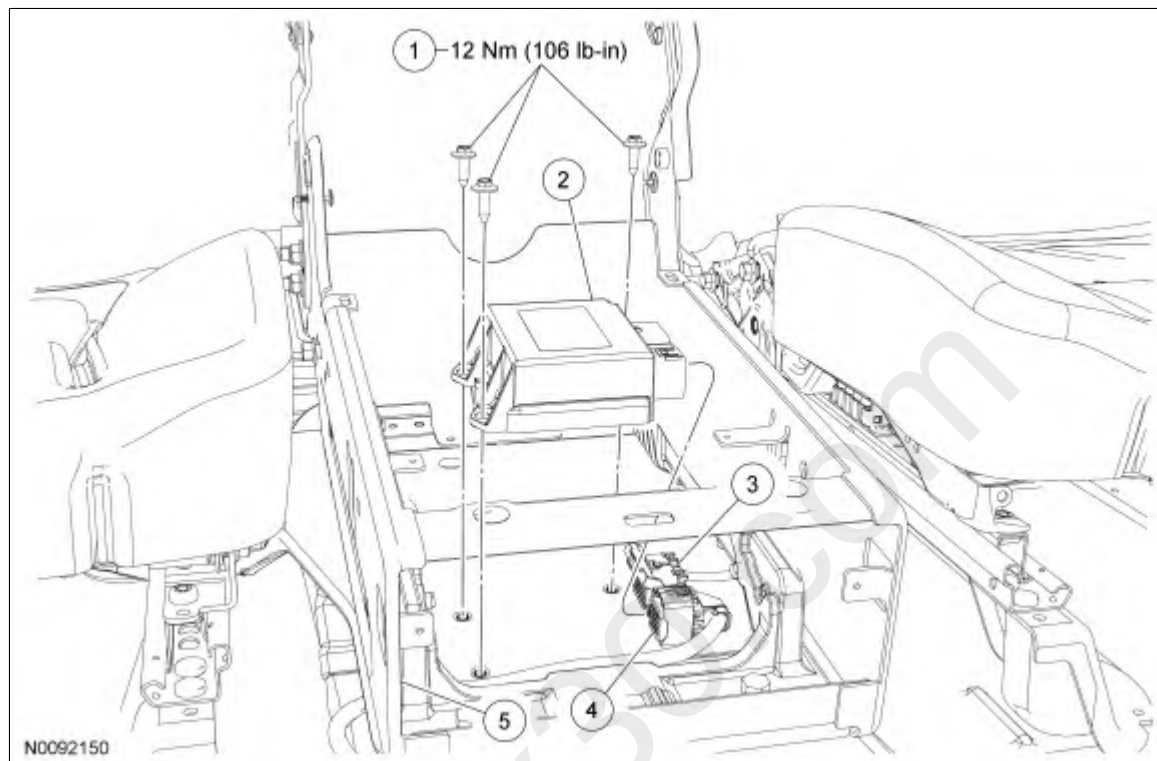


SECTION 501-20B: Supplemental Restraint System
REMOVAL AND INSTALLATION

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Restraints Control Module (RCM)



Item	Part Number	Description
1	W707722	Restraints Control Module (RCM) bolts
2	14B321	<u>RCM</u>
3	—	<u>RCM</u> large electrical connector (part of 14A005)
4	—	<u>RCM</u> small electrical connector (part of 14401)
5	61708	Front center seat base frame

WARNING: If a vehicle has been in a crash, inspect the restraints control module (RCM) and the impact sensor (if equipped) mounting areas for deformation. If damaged, restore the mounting areas to the original production configuration. A new RCM and sensors must be installed whether or not the airbags have deployed. Failure to follow these instructions may result in serious personal injury or death in a crash.

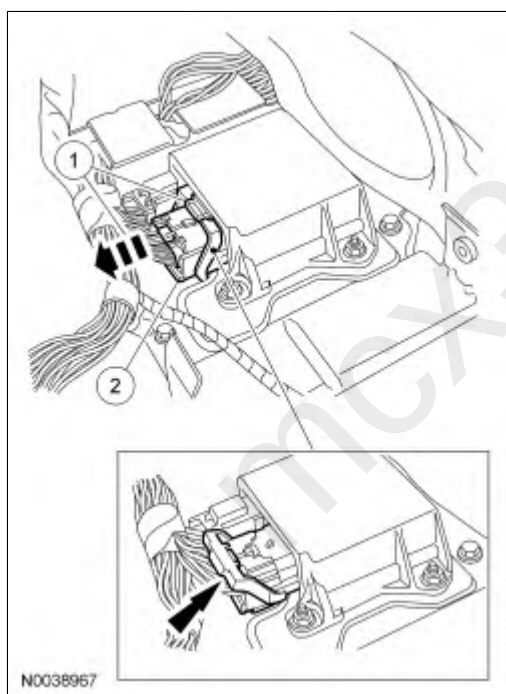
WARNING: Do not handle, move or change the original horizontal mounting position of the restraints control module (RCM) while the RCM is connected and the ignition switch is ON. Failure to follow this instruction may result in the accidental deployment of the Safety Canopy and cause serious personal injury or death.

NOTE: The air bag warning indicator illuminates when the correct Restraints Control Module (RCM) fuse is removed and the ignition is ON.

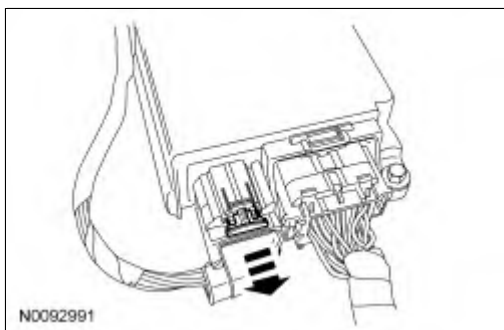
NOTE: The Supplemental Restraint System (SRS) must be fully operational and free of faults before releasing the vehicle to the customer.

NOTE: This vehicle is equipped with the SYNC® feature which contains the 911 assist option. Refer to the Owners' Literature.

1. When installing a new RCM, carry out the appropriate steps necessary for the Programmable Module Installation (PMI) procedure. For additional information, refer to [Section 418-01](#).
2. Depower the SRS. For additional information, refer to [Supplemental Restraint System \(SRS\) Depowering and Repowering](#) in this section.
3. If equipped, remove the floor console. For additional information, refer to [Section 501-12](#).
4. If equipped, remove the front center seat cushion and cupholder assembly. For additional information, refer to [Section 501-10](#).
5. Disconnect the RCM large electrical connector.
 1. Pinch the thumb tab and pivot the connector position assurance lever all the way back until it stops.
 2. Disconnect the RCM electrical connector.



6. Disengage the lock tab, press and disconnect the RCM small electrical connector.



7. Remove the 3 RCM bolts.

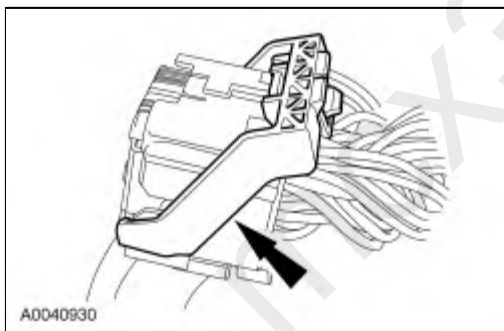
8. Remove the RCM.

Installation



WARNING: Always tighten the fasteners of the restraints control module (RCM) and impact sensor (if equipped) to the specified torque. Failure to do so may result in incorrect restraint system operation, which increases the risk of personal injury or death in a crash.

1. Position the RCM and install the bolts.
 - Tighten to 12 Nm (106 lb-in).
2. Make sure the connector position assurance lever is in the full RELEASE position before attempting to connect the connector.

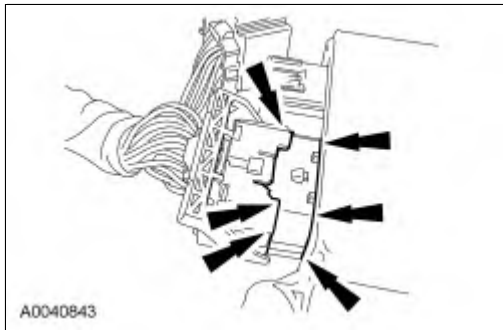


3. **NOTICE:** Putting the large Restraints Control Module (RCM) electrical connector into the RCM on an angle can cause incorrect electrical connections and damage components.

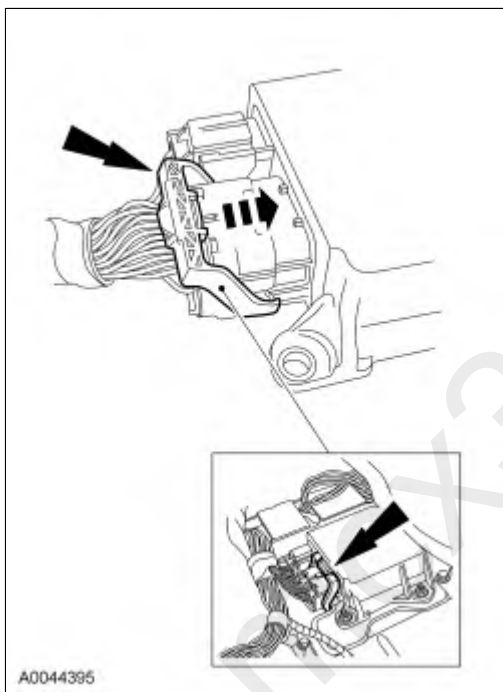
Position the large RCM electrical connector into the RCM.

- **NOTICE:** Do not push the connector on to where the lever pivots and seats itself. Light pressure is needed to get the connector into position on the Restraints Control Module (RCM) before using the lever to fully seat the connector. Failure to follow this instruction may result in component damage and/or system failure.

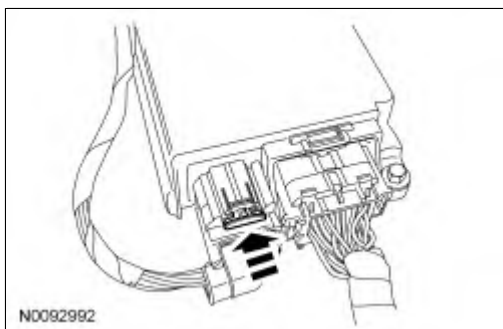
With the large RCM electrical connector uniformly aligned to the RCM, lightly push in until a click is heard and a slight resistance is felt.



4. Connect the large RCM electrical connector.
 - Using the connector position assurance lever, pivot it toward the RCM, drawing the connector into the RCM.
 - Make sure the thumb tab is engaged to the retainer on the RCM and locked in place.



5. Connect the small RCM electrical connector and push the lock tab in.



6. If equipped, install the floor console. For additional information, refer to [Section 501-12](#).
7. If equipped, install the front center seat cushion and cupholder assembly. For additional information,

refer to [Section 501-10](#).

8. Repower the SRS. For additional information, refer to [Supplemental Restraint System \(SRS\) Depowering and Repowering](#) in this section.
 9. If a new RCM was installed, carry out the appropriate steps to complete the Programmable Module Installation (PMI) procedure. For additional information, refer to [Section 418-01](#).
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